

Appl. No.: 10/771,695; Group Art Unit: 1652
Dkt. No. 040049; Batch No.: To Be Assigned
Inventor(s): Hanke et al. Tel.: 412/562/1622
Title: Polynucleotides Encoding a Feedback-Resistant
Aspartokinase From Corynebacterium

Full length sequence of LysA (NRRL-B11474)
DIAMINOPIMELATE DECARBOXYLASE (Lys A) (SEQ ID NO:12)

MATVENFNELPAHVWPRNAVRQEDGVVTVAGVPLPDLAEEYGTPLFVVDEDDFRSRCRDM
ATAFGGPGNVHYASKAFLTKTIARWVDEEGLALDIASINELGIALAAGFPASRITAHGNN
KGVEFLRALVQNGVGHVVLDSAQELELLDYVAAGEGKIQDVLIRVKPGIEAHTHEFIATS
HEDQKFGFSLASGSAFEAAKAANNAENLNLVGLHCHVGSQVFDAEGFKLAAERVLGLYSQ
IHSELGVALPELDLGGGYGIAYTADEEPLNVAEVASDLLTAVGKMAAELGIDAPTVLVEP
GRAIAGPSTVTIYEVGTTKNVHVD~~DD~~KTRRYVAVDGGMSDNIRPALYGSEYDARVVSRFA
EGDPVSTRIVGSHCESGDILINDEIYPSDITSGDFLALAATGAYCYAMSSRYNAFTRPAV
VSVRAGSSRLMLRRETLDILSLEA

FIG. 13